

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 10:53 |
| L2 | 14 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 10:53 |
| L3 | 25 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 10:54 |
| L4 | 30 | ((peter) near2 (single)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 10:55 |
| L5 | 721 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/29 10:55 |
| L6 | 7566 | charger (inductot or transformer) switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/11/29 10:55 |
| L7 | 721 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/29 10:55 |
| L8 | 83 | L6 L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/11/29 10:55 |
| L9 | 573 | | | | | |
| L15 | 3 | (("5553294") or ("6541980") or ("20040095020")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/29 11:03 |
| S1 | 19 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/25 19:11 |

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|-----|-------|--|---|-----|-----|------------------|
| S2 | 11 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/25 19:12 |
| S3 | 21 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/25 19:15 |
| S4 | 17 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 19:17 |
| S5 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2008/08/25 19:18 |
| S6 | 2 | ((WALTER) near2 (DOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2008/08/25 19:20 |
| S7 | 4 | ("6426628" or ("5903764")).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/25 19:21 |
| S8 | 528 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/25 19:27 |
| S9 | 43 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 19:28 |
| S10 | 2 | S8 S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/08/25 19:29 |
| S11 | 5 | | | | | |
| S12 | 6 | ("5504415" "5578915" "5900716" "6081095" "6114835").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/25 19:30 |
| S13 | 16932 | ("5656915" "5666006" "5739596" "5867007" "5959368" "6060864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/25 19:31 |
| | | ("320"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 11:18 |

EAST Search History (Prior Art)

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|-----|--------|--|---|-----|-----|------------------|
| S14 | 43 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 11:19 |
| S15 | 19 | S13 S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/08/26 11:19 |
| S16 | 59230 | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 11:19 |
| S17 | 3 | S14 S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/08/26 11:20 |
| S18 | 2 | ("6104164").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 15:17 |
| S19 | 190409 | charger inductot or transformer switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/08/26 21:27 |
| S20 | 6210 | charger (inductot or transformer) switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/08/26 21:28 |
| S21 | 531 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 21:28 |
| S22 | 71 | S20 S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/08/26 21:28 |

EAST Search History (Prior Art)

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| S23 | 136 | charger near (inductot or transformer) switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/08/27 10:42 |
| S24 | 112 | charger near (inductot or transformer) switch | US-PGPUB; USPAT; USOCR | AND | ON | 2008/08/27 10:42 |
| S25 | 7 | ("3382425" "3586955" "3766463" "3781631" "3876921" "4031451").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/27 10:54 |
| S26 | 12 | ("4242627").URPN. | USPAT | OR | ON | 2008/08/27 10:54 |
| S27 | 166 | buck adj converter charger | USPAT | AND | ON | 2008/08/27 11:24 |
| S28 | 531 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 11:25 |
| S29 | 3 | S27 S28 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/08/27 11:25 |
| S30 | 352 | buck adj converter charger | US-PGPUB; USPAT; USOCR | AND | ON | 2008/08/27 11:25 |
| S31 | 6 | S28 S30 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/08/27 11:25 |
| S32 | 59230 | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 11:27 |
| S33 | 34 | S32 S30 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/08/27 11:27 |
| S34 | 2 | ("5553294").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/28 16:02 |
| S35 | 2124 | ("307"/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 16:26 |

EAST Search History (Prior Art)

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| S36 | 2124 | (307/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 16:26 |
| S37 | 531 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 16:27 |
| S38 | 2641 | S36 S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 16:27 |
| S39 | 43 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/28 16:28 |
| S40 | 2680 | S38 S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 16:28 |
| S41 | 4 | S38 S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/08/28 16:29 |
| S42 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S43 | 11 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S44 | 22 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S45 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/19 11:01 |
| S46 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/03/19 11:01 |

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|-----|-------|--|---|-----|-----|------------------|
| S47 | 2 | ((WALTER) near2 (DOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/03/19 11:01 |
| S48 | 4 | (("6426628") or ("5903764")).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/19 11:01 |
| S49 | 560 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S50 | 45 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/19 11:01 |
| S51 | 2 | S49 S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/19 11:01 |
| S52 | 5 | ("5504415" "5578915" "5900716" "6081095" "6114835").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S53 | 6 | ("5656915" "5666006" "5739596" "5867007" "5959368" "6060864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S54 | 17772 | ("320"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S55 | 45 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/19 11:01 |
| S56 | 19 | S54 S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/19 11:01 |

EAST Search History (Prior Art)

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|-----|--------|---|---|---|-----|-----|------------------|
| S57 | 60009 | | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S58 | 3 | | S55 S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/19 11:01 |
| S59 | 2 | | ("6104164").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/19 11:01 |
| S60 | 195027 | charger inductot or transformer switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/03/19 11:01 |
| S61 | 6537 | charger (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/03/19 11:01 |
| S62 | 560 | | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/03/19 11:01 |
| S63 | 71 | | S61 S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/03/19 11:01 |
| S64 | 138 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/03/19 11:01 |
| S65 | 114 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/19 11:01 |
| S66 | 7 | | ("3382425" "3586955" "3766463" "3781631" "3876921" "4031451").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:01 |
| S67 | 12 | | ("4242627").URPN. | USPAT | OR | ON | 2009/03/19 11:01 |
| S68 | 172 | buck adj converter charger | | USPAT | AND | ON | 2009/03/19 11:01 |

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|-----|-------|----------------------------|---|-----|-----|------------------|
| S69 | 560 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S70 | 3 | S68 S69 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/19 11:01 |
| S71 | 395 | buck adj converter charger | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/19 11:01 |
| S72 | 6 | S69 S71 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/19 11:01 |
| S73 | 60009 | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S74 | 40 | S73 S71 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/19 11:01 |
| S75 | 2 | ("5553294").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/19 11:01 |
| S76 | 2196 | ("307"/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S77 | 2196 | (307/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S78 | 560 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |

EAST Search History (Prior Art)

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|-----|------|------------------------------------|-------------|---|------|-----|------------------|
| S79 | 2741 | | S77 S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S80 | 45 | select\$3 battery near discharg\$3 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/03/19 11:01 |
| S81 | 2782 | | S79 S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 11:01 |
| S82 | 4 | | S79 S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/19 11:01 |
| S83 | 28 | hearing prosthetic | | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/19 11:12 |
| S84 | 5 | hearing adj prosthetic implant\$4 | | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/03/19 11:13 |
| S85 | 6 | hearing adj prosthetic implant\$4 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2009/03/19 11:13 |
| S86 | 62 | hearing adj prosthe\$3 implant\$4 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2009/03/19 11:15 |
| S87 | 32 | | S86 battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/03/19 11:16 |
| S88 | 2 | ("5534765").PN. | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/19 11:21 |

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|----------|-----|---|---|----|-----|------------------|
| S89 | 6 | (("6426628") or ("5903764") or ("5869970")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/19 11:26 |
| S90 | 5 | ("5565759" "5606242" "5640078" "5684384" "5734254").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:29 |
| S10 0 | 354 | (320/108).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 14:51 |
| S10 1 | 10 | ("4873677" "4942352" "4998055" "5200685" "5206097" "5327067" "5367242" "5455466" "5483437" "5600225").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 14:55 |
| S10 2 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/08 09:13 |
| S10 3 | 12 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/08 09:13 |
| S10 4 | 22 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/08 09:15 |
| S10 5 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/08 09:18 |
| S10 6 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/08 09:19 |
| S10 7 | 2 | ("6541980").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/08 23:38 |
| S10 8 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S10 9 | 12 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S11 0 | 22 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|-------|--|---|-----|-----|------------------|
| S11 1 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S11 2 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S11 3 | 2 | ((WALTER) near2 (DOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S11 4 | 4 | (("6426628") or ("5903764")).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S11 5 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S11 6 | 47 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |
| S11 7 | 2 | S115 S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |
| S11 8 | 5 | ("5504415" "5578915" "5900716" "6081095" "6114835").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S11 9 | 6 | ("5656915" "5666006" "5739596" "5867007" "5959368" "6060864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S12 0 | 18782 | ("320"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S12 1 | 47 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |

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|----------|--------|---|-------------------------|---|---|-----|------------------|------------------|
| S12 2 | 21 | | S120 S121 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 | |
| S12 3 | 61028 | | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 | |
| S12 4 | 3 | | S121 S123 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 | |
| S12 5 | 2 | | ("6104164").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 | |
| S12 6 | 200848 | charger inductot or transformer switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 | |
| S12 7 | 6876 | charger (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 | |
| S12 8 | 608 | | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 | |
| S12 9 | 75 | | | S127 S128 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S13 0 | 151 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 | |
| S13 1 | 122 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 | |

EAST Search History (Prior Art)

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|----------|-------|---|---|-----|-----|------------------|
| S13 2 | 7 | ("3382425" "3586955" "3766463" "3781631" "3876921" "4031451").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S13 3 | 12 | ("4242627").URPN. | USPAT | OR | ON | 2009/11/09 00:51 |
| S13 4 | 190 | buck adj converter charger | USPAT | AND | ON | 2009/11/09 00:51 |
| S13 5 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S13 6 | 3 | S134 S135 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S13 7 | 432 | buck adj converter charger | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S13 8 | 6 | S135 S137 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S13 9 | 61028 | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S14 0 | 48 | S139 S137 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S14 1 | 2 | ("5553294").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S14 2 | 2281 | ("307"/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S14 3 | 2281 | (307/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|------|------------------------------------|---|-----|----|------------------|
| S14 4 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S14 5 | 2873 | S143 S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S14 6 | 47 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |
| S14 7 | 2916 | S145 S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S14 8 | 4 | S145 S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |
| S14 9 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S15 0 | 12 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S15 1 | 22 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S15 2 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S15 3 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S15 4 | 2 | ((WALTER) near2 (DOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|-------|--|---|-----|-----|------------------|
| S15 5 | 4 | (("6426628") or ("5903764")).PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S15 6 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S15 7 | 47 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |
| S15 8 | 2 | S156 S157 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |
| S15 9 | 5 | ("5504415" "5578915" "5900716" "6081095" "6114835").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S16 0 | 6 | ("5656915" "5666006" "5739596" "5867007" "5959368" "6060864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S16 1 | 18782 | ("320"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S16 2 | 47 | select\$3 battery near discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |
| S16 3 | 21 | S161 S162 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|--------|---|-------------------------|---|-----|-----|------------------|
| S16 4 | 61028 | | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S16 5 | 3 | | S162 S164 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |
| S16 6 | 2 | | ("6104164").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S16 7 | 200848 | charger inductot or transformer switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S16 8 | 6876 | charger (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S16 9 | 608 | | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S17 0 | 75 | | S168 S169 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S17 1 | 151 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S17 2 | 122 | charger near (inductot or transformer) switch | | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S17 3 | 7 | ("3382425" "3586955" "3766463" "3781631" "3876921" "4031451").PN. | | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S17 4 | 12 | | ("4242627").URPN. | USPAT | OR | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|-------|----------------------------|---|-----|-----|------------------|
| S17 5 | 190 | buck adj converter charger | USPAT | AND | ON | 2009/11/09 00:51 |
| S17 6 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S17 7 | 3 | S175 S176 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S17 8 | 432 | buck adj converter charger | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S17 9 | 6 | S176 S178 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S18 0 | 61028 | ("307"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S18 1 | 48 | S180 S178 | US-PGPUB; USPAT; USOCR | AND | ON | 2009/11/09 00:51 |
| S18 2 | 2 | ("5553294").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S18 3 | 2281 | ("307"/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S18 4 | 2281 | (307/65,66).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S18 5 | 608 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|------|------------------------------------|--------------|---|------|-----|------------------|
| S18 6 | 2873 | | S184 S185 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S18 7 | 47 | select\$3 battery near discharg\$3 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/09 00:51 |
| S18 8 | 2916 | | S186 S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S18 9 | 4 | | S186 S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/11/09 00:51 |
| S19 0 | 30 | hearing prosthetic | | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/11/09 00:51 |
| S19 1 | 5 | hearing adj prosthetic implant\$4 | | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/11/09 00:51 |
| S19 2 | 6 | hearing adj prosthetic implant\$4 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2009/11/09 00:51 |
| S19 3 | 75 | hearing adj prosthe\$3 implant\$4 | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2009/11/09 00:51 |
| S19 4 | 35 | | S193 battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/11/09 00:51 |
| S19 5 | 2 | ("5534765").PN. | | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/11/09 00:51 |

EAST Search History (Prior Art)

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|----------|-----|---|---|----|-----|------------------|
| S19 6 | 6 | (("6426628") or ("5903764") or ("5869970")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/11/09 00:51 |
| S19 7 | 5 | ("5565759" "5606242" "5640078" "5684384" "5734254").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S19 8 | 425 | (320/108).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 00:51 |
| S19 9 | 10 | ("4873677" "4942352" "4998055" "5200685" "5206097" "5327067" "5367242" "5455466" "5483437" "5600225").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S20 0 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S20 1 | 12 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S20 2 | 22 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 00:51 |
| S20 3 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S20 4 | 18 | ((MARKUS) near2 (HALLER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/11/09 00:51 |
| S20 5 | 2 | ("6541980").PN. | USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/09 00:51 |
| S20 6 | 3 | (("6426628") or ("5869970") or ("5903764")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/16 09:58 |
| S20 7 | 4 | (("6426628") or ("5869970") or ("5903764") or ("20020137243")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/16 10:01 |
| S20 8 | 6 | (("6426628") or ("5869970") or ("5903764") or ("20020137243") or ("6348777") or ("5369351")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/16 12:02 |
| S20 9 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:02 |

EAST Search History (Prior Art)

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|----------|----|---|-------------------------------|----|-----|------------------|
| S21 0 | 12 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:03 |
| S21 1 | 25 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:03 |
| S21 2 | 1 | ("5584870").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/26 18:31 |
| S21 3 | 26 | ((peter) near2 (single)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:32 |
| S21 4 | 6 | ((peter) near2 (single)).INV. | FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/26 18:32 |
| S21 5 | 7 | ("4532930" "5411537" "5702431" "5739596" "6067474" "6223077" "6586850").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:41 |
| S21 6 | 3 | ("6922591").URPN. | USPAT | OR | ON | 2010/04/26 18:45 |
| S21 7 | 25 | ("20010031909" "4532930" "5046242" "5279292" "5411467" "5601617" "5645585" "5814095" "5935166" "5984953" "6067474" "6272382" "6308101" "6358281" "6516228" "6531847" "6553263" "6586912" "6636768" "6648914" "6736770" "6855422" "6891353" "6894456" "6922591").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/26 18:49 |
| S21 8 | 1 | ("6586850").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/26 19:05 |
| S21 9 | 2 | (("6586850") or ("6223077")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/26 19:14 |
| S22 0 | 1 | ("20040095020").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/06 23:48 |
| S22 1 | 20 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/07 00:23 |
| S22 2 | 13 | ((DIRK) near2 (FIEDLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/07 00:23 |
| S22 3 | 25 | ((MARKUS) near2 (HALLER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/07 00:24 |

EAST Search History (Prior Art)

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|----------|------|--|---|-----|----|------------------|
| S22 4 | 18 | ((WALTER) near2 (DOLL)).INV. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 00:24 |
| S22 5 | 2 | ((WALTER) near2 (DOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2010/06/07 00:24 |
| S22 6 | 663 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/07 00:24 |
| S22 7 | 7205 | charger (inductot or transformer) switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/06/07 00:24 |
| S22 8 | 663 | (320/118,119,121).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/07 00:24 |
| S22 9 | 79 | S227 S228 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/06/07 00:24 |
| S23 0 | 475 | (320/108).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/07 00:24 |

EAST Search History (Interference)

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